Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a thin film transistor over the substrate;

an insulating film over the thin film transistor;

a first electrode over the insulating film and electrically connected to the thin film transistor;

a second electrode over the first electrode;

an electroluminescent film disposed between the first electrode and the second electrode;

a mixed film containing fluoroplastics and metallic oxide formed over the second electrode; and

an inorganic insulating film formed over the mixed film containing fluoroplastics and metallic oxide,

wherein:

the insulating film comprises a first insulating film and a second insulating film formed on the first insulating film;

the first insulating film comprises a material selected from the group consisting of acrylic, polyamide, and polyimide; and

the second insulating film comprises fluoroplastics.

2. (Currently Amended) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a thin film transistor over the substrate;

an insulating film over the thin film transistor;

a first electrode over the insulating film and electrically connected to the thin film transistor;

a second electrode over the first electrode;

an electroluminescent film disposed between the first electrode and the second electrode;

a mixed film containing fluoroplastics and metallic oxide formed over the second electrode; and

an inorganic insulating film formed over the mixed film containing fluoroplastics and metallic oxide,

wherein the insulating film comprises fluoroplastics.

3. (Previously Presented) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a thin film transistor over the substrate;

an insulating film over the thin film transistor;

a first electrode over the insulating film and electrically connected to the thin film transistor;

a second electrode over the first electrode;

an electroluminescent film disposed between the first electrode and the second electrode;

a film containing fluoroplastics formed over the second electrode; and

an inorganic insulating film formed over the film containing fluoroplastics,

wherein:

the insulating film comprises a first insulating film and a second insulating film formed on the first insulating film;

the first insulating film comprises a material selected from the group consisting of acrylic, polyamide, and polyimide; and

the second insulating film is a mixed film comprising fluoroplastics and metallic oxide.

4. (Previously Presented) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a thin film transistor over the substrate;

an insulating film over the thin film transistor;

a first electrode over the insulating film and electrically connected to the thin film transistor;

a second electrode over the first electrode;

an electroluminescent film disposed between the first electrode and the second electrode;

a film containing fluoroplastics formed over the second electrode; and

an inorganic insulating film formed over the film containing fluoroplastics,

wherein the insulating film is a mixed film comprising fluoroplastics and metallic oxide.

5. (Canceled)

6. (Previously Presented) A light-emitting apparatus according to Claim 3,

wherein a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

7-12. (Canceled)

13. (Original) A light-emitting apparatus according to Claim 3,

wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.

14. (Original) A light-emitting apparatus according to Claim 4,

wherein the film containing fluoroplastics is one type of polymer selected from polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer,

polychlorotrifluoroethylene, tetrafluoroethylene-ethylene copolymer, polyvinyl fluoride, and polyvinylidene fluoride.

15. (Previously Presented) A light-emitting apparatus according to Claim 4,

wherein a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

16. (Canceled)

17. (Previously Presented) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a thin film transistor over the substrate;

an insulating film over the thin film transistor;

a first electrode over the insulating film and electrically connected to the thin film transistor;

a second electrode over the first electrode; and

an electroluminescent film disposed between the first electrode and the second electrode;

wherein:

the insulating film comprises a first insulating film and a second insulating film formed on the first insulating film;

the first insulating film comprises a material selected from the group consisting of acrylic, polyamide, and polyimide; and

the second insulating film is a mixed film comprising fluoroplastics and metallic oxide.

18. (Previously Presented) A light-emitting apparatus having a light-emitting device comprising:

a substrate;

a thin film transistor over the substrate;

an insulating film over the thin film transistor;

a first electrode over the insulating film and electrically connected to the thin film transistor;

a second electrode over the first electrode; and

an electroluminescent film disposed between the first electrode and the second electrode;

wherein the insulating film is a mixed film comprising fluoroplastics and metallic oxide.

19-20. (Canceled)

21. (Previously Presented) A light-emitting apparatus according to Claim 17,

wherein a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

22. (Previously Presented) A light-emitting apparatus according to Claim 18,

wherein a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

23. (Previously Presented) A light-emitting apparatus according to Claim 1, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

24. (Previously Presented) A light-emitting apparatus according to Claim 2, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

25. (Previously Presented) A light-emitting apparatus according to Claim 3, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

26. (Previously Presented) A light-emitting apparatus according to Claim 4, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

27. (Previously Presented) A light-emitting apparatus according to Claim 17, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

28. (Previously Presented) A light-emitting apparatus according to Claim 18, wherein the light-emitting apparatus is selected from the group consisting of digital still camera, laptop computer, mobile computer, portable image reproducing device, goggle type display, video camera and cellular phone.

29-30. (Canceled)

31. (Previously Presented) A light-emitting apparatus according to Claim 3, wherein the film containing fluoroplastics has irregularities.

32. (Previously Presented) A light-emitting apparatus according to Claim 4, wherein the film containing fluoroplastics has irregularities.

33-35. (Canceled)

36. (Previously Presented) A light-emitting apparatus according to Claim 1,

wherein:

the second insulating film is a mixed film comprising fluoroplastics and metallic oxides, and

a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.

37. (Previously Presented) A light-emitting apparatus according to Claim 2,

wherein:

the insulating film is a mixed film comprising fluoroplastics and metallic oxides, and

a ratio of the metallic oxides in the mixed film monotonically increases from a portion of the mixed film distant from the first electrode to a portion of the mixed film close to the first electrode.